

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4651	((431/7) or (431/210) or (422/129) or (431/211) or (431/207) or (431/161) or (431/328)).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/03/01 14:27
L2	32	l1 and @pd >= "20060919"	USPAT	OR	OFF	2007/03/01 14:29
L3	48	l1 and @pd >= "20060919"	US-PGPUB; USPAT; EPO	OR	OFF	2007/03/01 14:33
L4	999	control and hydrogen and flow and canister	US-PGPUB	OR	OFF	2007/03/01 14:35
L5	29	control same hydrogen with flow and canister	US-PGPUB	OR	OFF	2007/03/01 14:35
L6	9	control same hydrogen with flow same canister	US-PGPUB	OR	OFF	2007/03/01 14:39
L7	0	control same hydrogen with flow same canister and preheat	US-PGPUB	OR	OFF	2007/03/01 14:39
L8	113959	preheat and heating with device amd microprocessor	US-PGPUB	OR	OFF	2007/03/01 14:41
L9	52	preheat and heating with device and microprocessor	US-PGPUB	OR	OFF	2007/03/01 14:42
L10	43	preheat and heating with device and microprocessor same control	US-PGPUB	OR	OFF	2007/03/01 14:42
L11	3	preheat and heating with device and microprocessor same control and hydrogen	US-PGPUB	OR	OFF	2007/03/01 14:45
L12	10869	control with device same microprocessor	US-PGPUB	OR	OFF	2007/03/01 14:46
L13	16	control with device same microprocessor same hydrogen and storage	US-PGPUB	OR	OFF	2007/03/01 14:46
L14	4	control with device same microprocessor same hydrogen and storage same chamber	US-PGPUB	OR	OFF	2007/03/01 14:49
L15	48	hydrogen same storage same canister	US-PGPUB	OR	OFF	2007/03/01 14:53
L16	0	hydrogen same storage same canister same preheat	US-PGPUB	OR	OFF	2007/03/01 14:50
L17	0	hydrogen same storage same canister and preheat	US-PGPUB	OR	OFF	2007/03/01 14:51
L18	29	hydrogen same storage same canister and heating	US-PGPUB	OR	OFF	2007/03/01 14:52
L19	42	hydrogen same storage same canister and supply	US-PGPUB	OR	OFF	2007/03/01 14:51

## EAST Search History

L20	5	hydrogen same storage same canister and pre-heating	US-PGPUB	OR	OFF	2007/03/01 14:52
L21	18	hydrogen same storage same canister same control	US-PGPUB	OR	OFF	2007/03/01 14:54
L22	9	hydrogen same storage same canister same control and heating	US-PGPUB	OR	OFF	2007/03/01 14:54
S1	0	"Jefferson-YS-yang.in"	US-PGPUB; USPAT	OR	OFF	2006/09/12 14:32
S2	0	Jefferson-yang	US-PGPUB; USPAT	OR	OFF	2006/09/12 14:34
S3	0	Jefferson-yang.in.	US-PGPUB; USPAT	OR	OFF	2006/09/12 14:45
S4	38	yang-jefferson-ys.in.	US-PGPUB; USPAT	OR	OFF	2006/09/12 15:52
S5	493	431/207.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/01 11:02
S6	30	("20030167923" "20030209149" "20030215684" "20040054088" "4085590" "4285665" "4290267" "4461873" "4566281" "4570446" "4850859" "6099811" "6302683" "6530233" "6630648").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/12 16:30
S7	787	431/7.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/12 16:31
S8	7	431/7.ccls.and hydrogen and canister	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 09:56
S9	13	("20030167923"   "20030209149"   "20030215684"   "4085590"   "4285665"   "4290267"   "4566281"   "4570446"   "4850859"   "6099811"   "6302683"   "6530233"   "6630648").PN. OR ("6881052").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 16:43
S10	1	"6630648".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 16:43

## EAST Search History

S11	4	("5366820"   "5746985"   "6530233").PN. OR ("6630648").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 16:57
S12	1	"6350116".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 16:57
S13	7	("4013396"   "4301966"   "4392820"   "4533316"   "5149260"   "5888060").PN. OR ("6350116").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 17:05
S14	659	431/210.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 17:14
S15	1180	422/129.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 17:15
S16	240	422/129.ccls. and hydrogen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 17:45
S17	0	422/129.ccls. and hydrogen and liquid same fuel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 09:06
S18	0	422/129.ccls. and hydrogen and (liquid same fuel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 17:17
S19	5	422/129.ccls. and hydrogen and canister	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 17:17
S20	398	431/211.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 17:55

## EAST Search History

S21	13115	Cataly\$5 and combustion and methanol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 17:56
S22	903	Cataly\$5 with combustion same methanol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 17:56
S23	506	Cataly\$5 with combustion with methanol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 17:57
S24	0	("2006/0127719").URPN.	USPAT	OR	OFF	2006/09/12 18:00
S25	0	("2006/0127719").URPN.	USPAT	OR	OFF	2006/09/12 18:00
S26	5	("4566281"   "5361730"   "5544701"   "6530233"   "6748748").PN. OR ("6857396").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/13 09:03
S27	398	431/211.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 10:06
S28	931	preheat and blow\$4 and (temperature with sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 10:09
S29	154	S28 and methanol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 10:26
S30	493	431/207.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 10:19

## EAST Search History

S31	359	431/161.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 10:19
S32	120	S28 and methanol and burner	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 10:28
S33	4618	methanol and burner	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 10:28
S34	2471	Blow\$4 and burner and (temperature with sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 10:30
S35	231	S33 and S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 10:39
S36	231	S33 and S34 and (oil or methanol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 10:40
S37	230	S36 and control\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 11:08
S38	6	"431"/\$.ccls. and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 11:17

## EAST Search History

S39	1811	431/328.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 11:18
S40	30	431/328.ccls. and methanol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 15:26
S41	2	"6289852".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 15:39
S42	2	"3603093".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 09:30
S43	112	"431"/\$.ccls. and fuel same level with sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 09:31
S44	9	"431"/\$.ccls. and liquid with fuel same level with sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 09:31
S45	2	422/129.ccls. and hydrogen and preheat and coil	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 09:29
S46	2	422/129.ccls. and hydrogen and preheat and coil and tube	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 09:31

## EAST Search History

S47	521	preheat same coil with tube	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 09:31
S48	386	S47 and gas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 09:32
S49	108	S47 and gas and hydrogen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 10:29
S50	494	431/207.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 10:29
S51	17	S50 and coil with (tube or pipe)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 10:30
S52	2	431/207.ccls. and preheat and coil same (tube or pipe)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/01 11:05
S53	14	431/11.ccls. and preheat and coil same (tube or pipe)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/01 11:36
S54	3	431/161.ccls. and preheat and coil same (tube or pipe)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/01 11:48

## EAST Search History

S55	101	("4829772" "4837119" "4507263" "4607826" "4923770" "5499279" "6099811" "4278466" "5268143" "5281390" "5490970" "5766676" "5964965" "4368143" "5277998" "5366828" "5466544" "5496665" "5775602" "5964968" "6010582" "6063515" "6214492" "6214492" "4270360" "4318897" "4402933" "4814002" "4925748" "4946646" "4994334" RE34471 "5290509" "5360687" "5455125" "5506074" "5518509" "5518833" "5599640" "5656388" "5678410" "5798189" "5840166" "5853919" "5865874" "5888317" "5888665" "5943545" "5948563" "5965294" ).pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/01 11:44
S56	0	S55 and preheat and coil	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/01 11:45
S57	0	S55 and preheat	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/01 11:45
S58	5	431/162.ccls. and preheat and coil same (tube or pipe)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/01 11:49
S59	3	431/163.ccls. and preheat and coil same (tube or pipe)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/01 11:53
S60	0	431/164.ccls. and preheat and coil same (tube or pipe)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/01 11:53



## EAST Search History

S61	0	431/165.ccls. and preheat and coil same (tube or pipe)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/01 11:53
S62	1	431/167.ccls. and preheat and coil same (tube or pipe)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/01 14:27

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	29	control same hydrogen with flow and canister	US-PGPUB	OR	OFF	2007/03/01 14:35
L6	9	control same hydrogen with flow same canister	US-PGPUB	OR	OFF	2007/03/01 14:39
L11	3	preheat and heating with device and microprocessor same control and hydrogen	US-PGPUB	OR	OFF	2007/03/01 14:45
L13	16	control with device same microprocessor same hydrogen and storage	US-PGPUB	OR	OFF	2007/03/01 14:46
L14	4	control with device same microprocessor same hydrogen and storage same chamber	US-PGPUB	OR	OFF	2007/03/01 14:49
L18	29	hydrogen same storage same canister and heating	US-PGPUB	OR	OFF	2007/03/01 14:52
L20	5	hydrogen same storage same canister and pre-heating	US-PGPUB	OR	OFF	2007/03/01 14:52
L22	9	hydrogen same storage same canister same control and heating	US-PGPUB	OR	OFF	2007/03/01 14:54